

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	83	703/4.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L2	81	703/3.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L3	791	703/2.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L4	200	700/28.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L5	80	700/31.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L6	71	700/32.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L7	19	700/26.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L8	809	716/4.ccor.	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L9	22723	principal adj component	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L10	1886	principal adj factor	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L11	617	(L9 or L10) and mismatch	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L12	279	L11 and @ad<="19991118"	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L13	51	L12 and simulation	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L14	42	L13 and circuit	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L15	32	L14 and statistic\$3	US-PGPUB; USPAT	OR	ON	2005/04/17 16:50
L16	8	((("3751647") or ("5822258") or ("5852581") or ("6356861") or ("5767542")) or ("5773315") or ("6184048") or ("4835466")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/17 16:50
L17	1	("6560755").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/17 16:50
L18	46	("5047971" "5243547" "5301118" "5373457" "5422317" "5517506" "5519848" "5581742" "5586046" "5646870" "5655110" "5666288" "5687355" "5689432" "5754454" "5754826" "5764948" "5774367" "5774382" "5790436" "5796985" "5798919" "5799172" "5802349" "5812431" "5859785" "5903471" "5949983" "5958073" "5960397" "5966527" "5999714" "5999717" "6009251" "6018623" "6018624" "6021271" "6053947" "6080201" "6088523" "6090151" "6098024" "6099580" "6286128" "6301687" "6397169").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/17 16:50

		Results
6.	(pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch)) and statistical simulation [All Sources(- All Sciences -)]	1
5.	(((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch)) and simulation) and statistic!) and circuit) and (local or intra-die) [All Sources(- All Sciences -)]	17
4.	(((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch)) and simulation) and statistic!) and circuit [All Sources(- All Sciences -)]	23
3.	((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch)) and simulation) and statistic! [All Sources(- All Sciences -)]	106
2.	(pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch)) and simulation [All Sources(- All Sciences -)]	147
1.	pub-date > 1959 and pub-date < 2000 and FULL-TEXT(((principal component) or (principal factor))) and FULL-TEXT(mismatch) [All Sources(- All Sciences -)]	451

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#1	(principal component<and>mismatch<and>simulation) <and> (pyr >= 1951 <and> pyr <= 1999)	72
#2	(statistic*<and>circuit) <and> (pyr >= 1951 <and> pyr <= 1999)	24096
#3	(intra-die<or>local<and>inter-die<or>global) <and> (pyr >= 1951 <and> pyr <= 1999)	60847
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Christopher Michael, Christopher Abel, C. S. Teng

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. Two simplifications are possible by using **principal component** (PC) decomposition. The first
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for the Statistical Simulation of Analog **Circuits** Including Component **Mismatch** Effects Carlo
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